

Claims

1. A sealing device that tightly seals an annular space between two members combined with each other in such a way as to rotate relatively to each other and has a seal lip sliding on a peripheral surface of one member of the two members, characterized in that the seal lip comprises:

 a sliding surface along the peripheral surface;
 a slope surface that slopes in such a way as to gradually enlarge a space with respect to the peripheral surface from an atmosphere side end edge of the sliding surface;

 first screw projections formed from the slope surface to a middle of the sliding surface; and

 second screw projections formed on the sliding surface, wherein

 an end on a sliding surface side of the first screw projection is formed in a shape cut out along the sliding surface, and a portion on a slope surface side of the first screw projection has an equal width portion formed in a shape in which height increases toward an atmosphere side with a width kept a nearly equal width.

2. The sealing device as claimed in claim 1, characterized in that the equal width portion has a cross section of a nearly pentagonal shape formed by cutting off both

bottom side ends of a triangle.